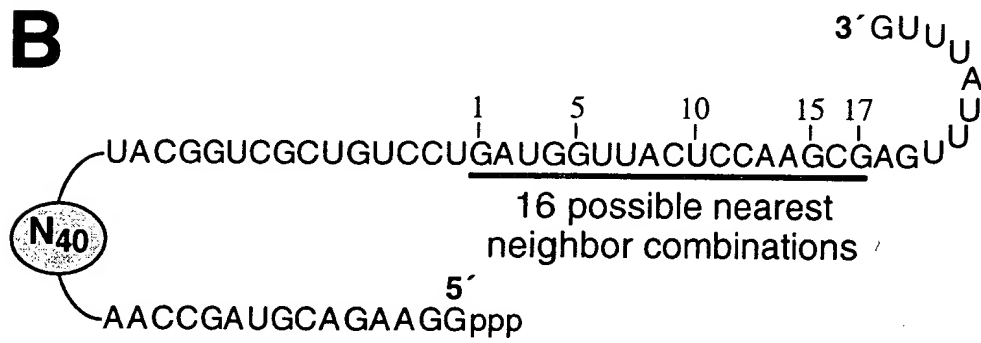
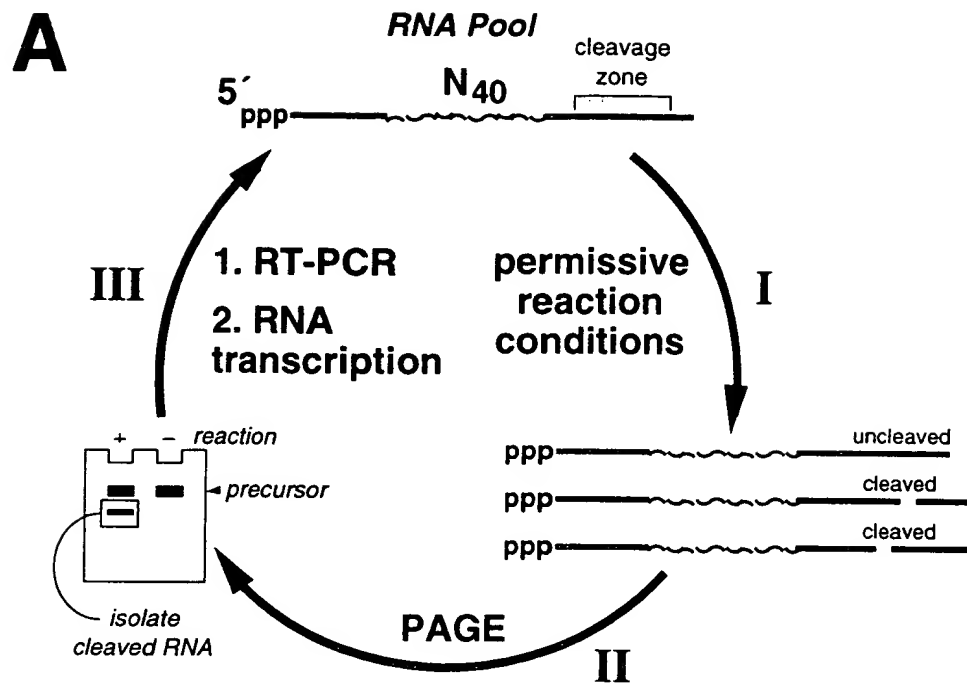
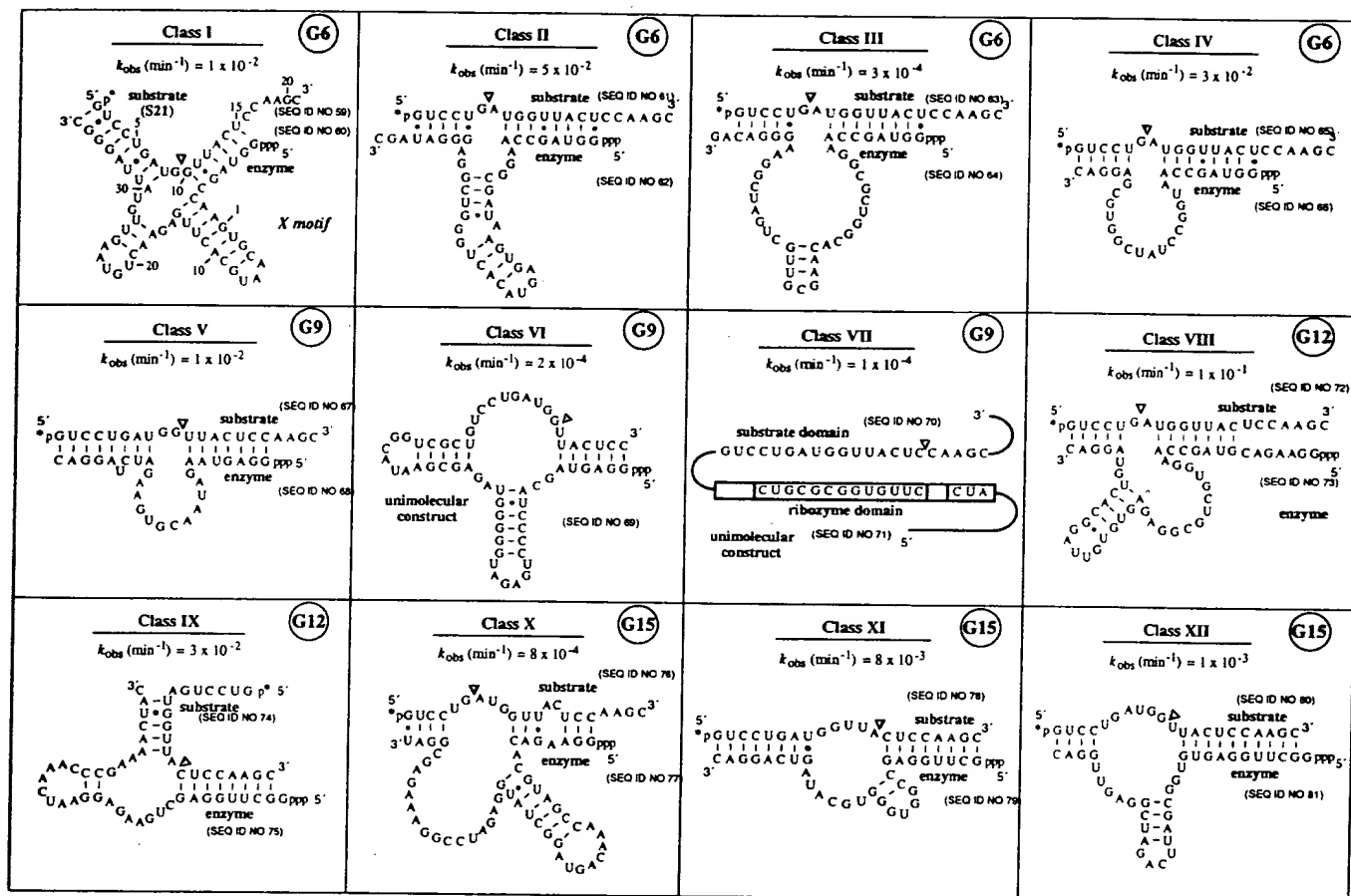


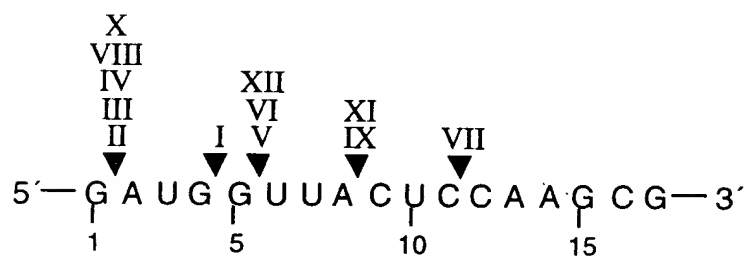
Figure 1



(SEQ ID NO 58)

Abstract The purpose of this study was to determine the effect of a 12-week training program on the physical fitness of 100 male and 100 female students. The program consisted of three sessions per week, each lasting 45 minutes. The program included cardiovascular exercise, strength training, and flexibility exercises. The results of the study showed that the students who participated in the program showed significant improvements in their physical fitness. The students who participated in the program showed significant improvements in their cardiovascular fitness, strength, and flexibility. The students who participated in the program showed significant improvements in their cardiovascular fitness, strength, and flexibility. The students who participated in the program showed significant improvements in their cardiovascular fitness, strength, and flexibility.



[illegible]**B**

(SEQ ID NO 82)

Figure 5

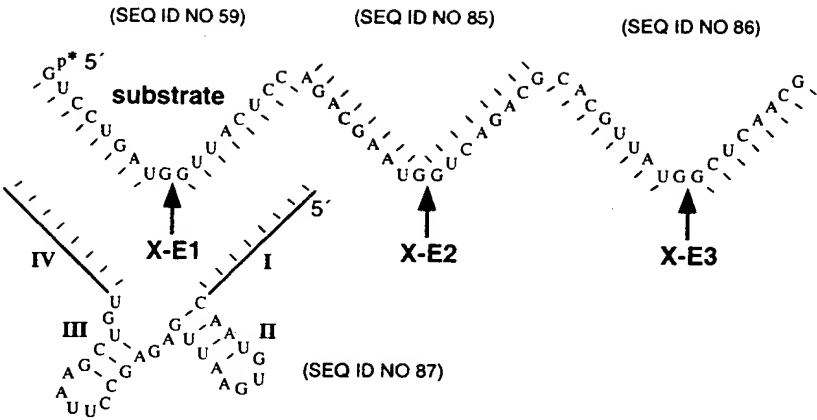
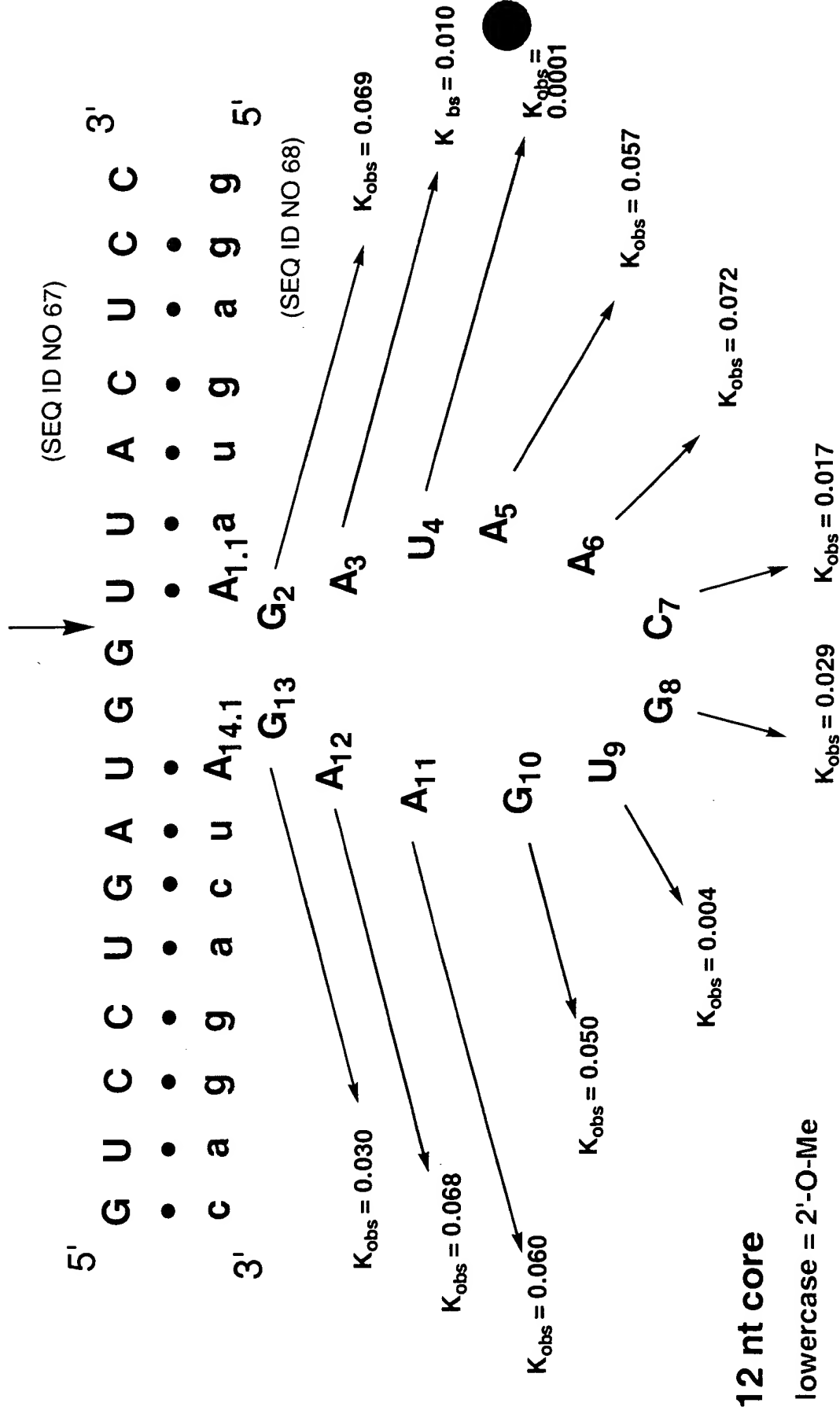


Figure 6: Class V ribozyme 2'-O-methyl core "walk"

Rate for 6@7 2'-O-Me arms and all ribo core $K_{obs} = 0.056$ and 0.058 min^{-1}

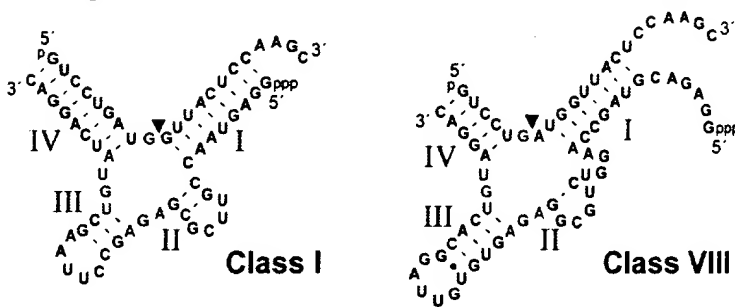
Rate for all 2'-O-Me enzyme with A14.1 = ribo $K_{obs} = 0.00008 \text{ min}^{-1}$



12 nt core

lowercase = 2'-O-Me

Figure 7: Class I and VIII Sequence and Structural Similarities



Class I motif cleavage site

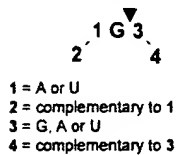
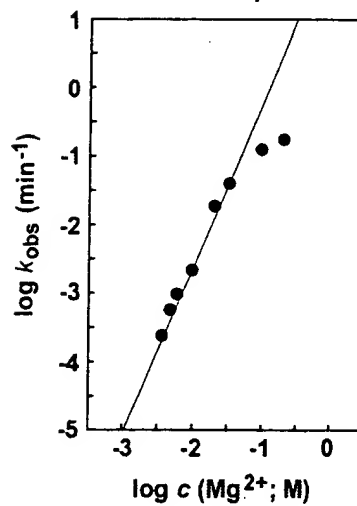
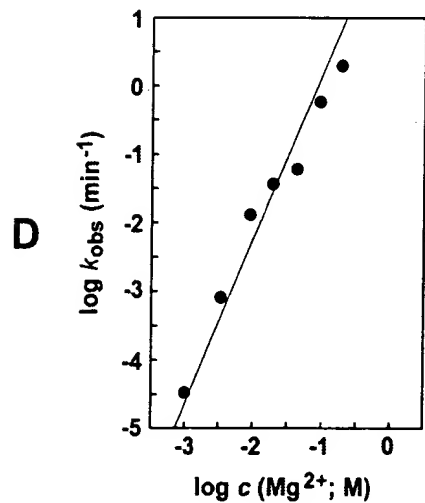
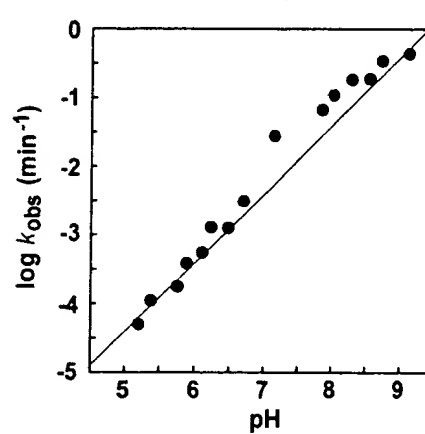
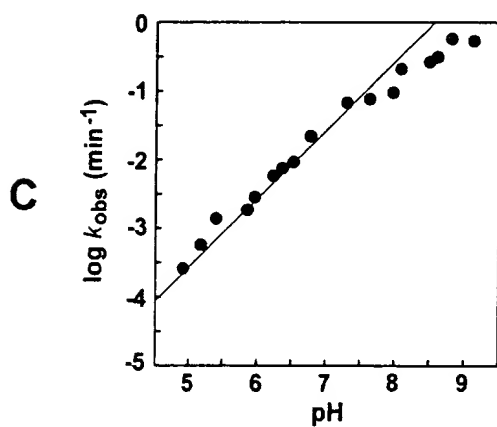
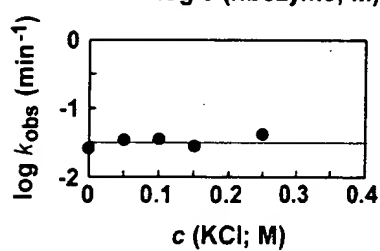
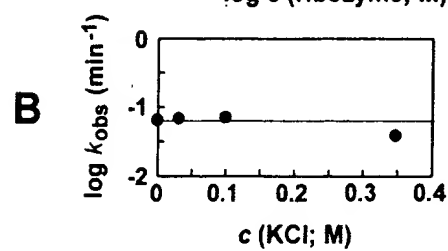
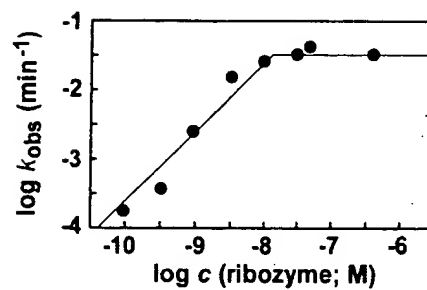
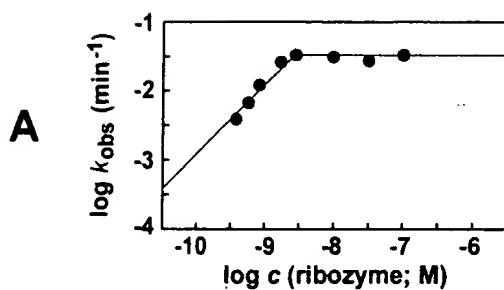


Figure 8:

Class I

Class VIII



103020" 52609460